

ERRATA SHEET

TENTATIVE ORDER NO. R9-2005-0136, NPDES NO. CA0107433

WASTE DISCHARGE REQUIREMENTS FOR THE CITY OF OCEANSIDE
SAN LUIS REY AND LA SALINA WASTEWATER TREATMENT PLANTS
AND BRACKISH GROUNDWATER DESALINATION FACILITY
DISCHARGE TO THE PACIFIC OCEAN VIA THE OCEANSIDE OCEAN OUTFALL

Each of the following changes has been made to Tentative Order No. R9-2005-0136; NPDES No. CA0107433, in response to comments received to date. The changes/corrections are shown below in **bold and underline**/~~strikeout~~ format to indicate added and removed language, respectively.

1. The dates in Table 3. Administrative Information on page 1 have been corrected:

This Order was adopted by the Regional Water Board on:	<u>August 10-June 8, 2005</u>
This Order shall become effective on:	<u>August 10-June 8, 2005</u>
This Order shall expire on:	<u>August 10-June 8, 2005</u>
The U.S. Environmental Protection Agency (U.S. EPA) and the Regional Water Board have classified this discharge as a major discharge.	
The Discharger shall file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, not later than 180 days in advance of the Order expiration date as application for issuance of new waste discharge requirements.	

2. The following changes in the certification/adoption statement on page 1 has been made:

IT IS HEREBY ORDERED, that this Order supercedes Order No. 2000-011 except for enforcement purposes, and, in order to meet the provisions contained in Division 7 of the **California Water Code (CWC)** and regulations adopted thereunder, and the provisions of **the federal Clean Water Act (CWA)** and regulations and guidelines adopted thereunder, the Discharger shall comply with the requirements herein.

I, John H. Robertus, Executive Officer, do hereby certify that this Order with all attachments is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on **August 10-June 8, 2005**.

3. The following Table of Contents replaces the Table of Contents on pages 2 and 3:

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4. The following corrections have been made to Table 4 under Section I. Facility Information on page 4:

Table 4. Facility Information

Discharger	City of Oceanside
Name of Facility	Oceanside Ocean Outfall
Facility Address	1330 South Tait Street Oceanside, CA 92054 San Diego County
Facility Contact, Title, and Phone	Barry E. Martin, Water Utilities Director, (760) 966-4850 435-5810
Mailing Address	1330 South Tait Street 300 North Coast Highway Oceanside, CA 92054 San Diego County
Type of Facility	Municipal POTW
Facility Design Flow	22.9 million gallons per day (MGD)

5. The following corrections have been made to two sentences under Section II.B Facility Description on page 8:

Screenings from the headworks and solids from grit removal are trucked to a local landfill **or an Arizona landfill.**

The Discharger also operates the Brackish Groundwater Desalination Facility (BGDF) which produces up to **3.6** MGD of final potable water and **0.82** MGD waste brine.

6. The following correction to Section II.H *Water Quality Control Plans* on page 6 has been made:

The State Water Board adopted a *Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Water and Enclosed Bays and Estuaries of California* (Thermal Plan) on May 18, 1972, and amended **it this plan** on September 18, 1975. The Thermal plan contains temperature objectives for coastal waters.

7. The following addition to Section III *Discharge Prohibitions* on page 9 has been made:

G. Compliance with Discharge Prohibitions contained in Section III.H of the Ocean Plan is a requirement of this Order.

8. The following corrections have been made to Table 7b. Effluent Limitations based on California Ocean Plan 2001 in Section IV.B *Effluent Limitations and Performance Goals* on page 12:

Table 7b. Effluent Limitations based on California Ocean Plan 2001

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
Oil and Grease	mg/l		25	40		75	
	lbs/day		4.4 E+3	7.0 E+3		1.4 E+ 34	
Settleable Solids	ml/l		1.0	1.5		3.0	
Turbidity	NTU		75	100		225	
Total Chlorine Residual ³	ug/l	7.0 E+02				5.3 E+03	1.8 E+02
	lbs/day	1.3 E+02				1.0 E+03	3.4 E+01
Ammonia (expressed as nitrogen)	ug/l	2.1 E+05				5.3 E+05	5.3 E+04
	lbs/day	4.0 E+04				1.0 E+05	1.0 E+04
Acute Toxicity	TUa	2.9 E+00					
Chronic Toxicity ⁴	TUc	8.8 E+01					
Phenolic Compounds (non-chlorinated)	ug/l	1.1 E+04				2.6 E+04	2.6 E+03
	lbs/day	2.0 E+03				5.0 E+03	5.0 E+02
Chlorinated Phenolics	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Endosulfan	ug/l	1.6 E+00				2.4 E+00	7.9 E-01
	lbs/day	3.0 E-01				4.5 E-01	1.5 E-01
HCH ⁵	ug/l	7.0 E-01				1.1 E+00	3.5 E-01
	lbs/day	1.3 E-01				2.0 E-01	6.7 E-02
Aerolein	ug/l		1.9 E+04				
	lbs/day		3.7 E+03				
Antimony	ug/l		1.1 E+05				
	lbs/day		2.0 E+04				
Bis(2-chloroethoxy) Methane	ug/l		3.9 E+02				
	lbs/day		7.4 E+01				
Bis(2-chloroisopropyl) ether	ug/l		1.1 E+05				
	lbs/day		2.0 E+04				
Chlorobenzene	ug/l		5.0 E+04				
	lbs/day		9.6 E+03				
Dichlorobenzenes ⁷	ug/l		4.5 E+05				
	lbs/day		8.6 E+04				
Ethylbenzene	ug/l		3.6 E+05				
	lbs/day		6.9 E+04				
Fluoranthene	ug/l		1.3 E+03				
	lbs/day		2.5 E+02				
Thallium	ug/l		1.8 E+02				
	lbs/day		3.4 E+01				

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
Toluene	ug/l		7.5 E+06				
	lbs/day		1.4 E+06				
Tributyltin	ug/l		1.2 E-01				
	lbs/day		2.4 E-02				
1,1,1-trichloroethane	ug/l		4.8 E+07				
	lbs/day		9.1 E+06				
Acrylonitrile	ug/l		8.8 E+00				
	lbs/day		1.7 E+00				
Aldrin	ug/l		1.9 E-03				
	lbs/day		3.7 E-04				
Benzene	ug/l		5.2 E+02				
	lbs/day		9.9 E+01				
Benzidine	ug/l		6.1 E-03				
	lbs/day		1.2 E-03				
Beryllium	ug/l		2.9 E+00				
	lbs/day		5.5 E-01				
Bis(2-chloroethyl) Ether	ug/l		4.0 E+00				
	lbs/day		7.6 E-01				
Bis(2-ethylhexyl) Phthalate	ug/l		3.1 E+02				
	lbs/day		5.9 E+01				
Carbon Tetrachloride	ug/l		7.9 E+01				
	lbs/day		1.5 E+01				
Chlordane ⁸	ug/l		2.0 E-03				
	lbs/day		3.9 E-04				
Chloroform	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
DDT ⁹	ug/l		1.5 E-02				
	lbs/day		2.9 E-03				
1,4-dichlorobenzene	ug/l		1.6 E+03				
	lbs/day		3.0 E+02				
3,3'-dichlorobenzidine	ug/l		7.1 E-01				
	lbs/day		1.4 E-01				
1,2-dichloroethane	ug/l		2.5 E+03				
	lbs/day		4.7 E+02				
1,1-dichloroethylene	ug/l		7.9 E+01				
	lbs/day		1.5 E+01				
Dichloromethane	ug/l		4.0 E+04				
	lbs/day		7.6 E+03				
1,3-dichloropropene	ug/l		7.8 E+02				
	lbs/day		1.5 E+02				

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
Dieldrin	ug/l		3.5 E-03				
	lbs/day		6.7 E-04				
Halomethanes ⁻¹⁰	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
Heptachlor	ug/l		4.4 E-03				
	lbs/day		8.4 E-04				
Hexachlorobenzene	ug/l		1.8 E-02				
	lbs/day		3.5 E-03				
PAHs ⁻¹¹	ug/l		7.7 E-01				
	lbs/day		1.5 E-01				
PCBs ⁻¹²	ug/l		1.7 E-03				
	lbs/day		3.2 E-04				
TCDD-equivalents ⁻¹³	ug/l		3.4 E-07				
	lbs/day		6.6 E-08				
1,1,2,2-tetrachloroethane	ug/l		2.0 E+02				
	lbs/day		3.9 E+01				
Tetrachloroethylene	ug/l		1.8 E+02				
	lbs/day		3.4 E+01				
Toxaphene	ug/l		1.8 E-02				
	lbs/day		3.5 E-03				
Trichloroethylene	ug/l		2.4 E+03				
	lbs/day		4.5 E+02				
1,1,2-trichloroethane	ug/l		8.3 E+02				
	lbs/day		1.6 E+02				
Vinyl Chloride	ug/l		3.2 E+03				
	lbs/day		6.1 E+02				

9. The following corrections have been made to Table 8. Performance Goals based on California Ocean Plan 2001 and the accompanying narrative in Section B.3 *Effluent Limitations and Performance Goals* on page 14:

- Constituents that do not have reasonable potential or had inconclusive reasonable potential analysis results are referred to as performance goal constituents and assigned the performance goals listed in the following table. Performance goal constituents shall also be monitored at M-003, but the results will be used for informational purposes only, not compliance determination.

Table 8. Performance Goals based on California Ocean Plan 2001

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
Arsenic	ug/l	2.6 E+03				6.8 E+03	4.4 E+02
	lbs/day	4.9 E+02				1.3 E+03	8.5 E+01
Cadmium	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Chromium VI ¹	ug/l	7.0 E+02				1.8 E+03	1.8 E+02
	lbs/day	1.3 E+02				3.4 E+02	3.4 E+01
Copper	ug/l	8.8 E+02				2.5 E+03	9.0 E+01
	lbs/day	1.7 E+02				4.7 E+02	1.7 E+01
Lead	ug/l	7.0 E+02				1.8 E+03	1.8 E+02
	lbs/day	1.3 E+02				3.4 E+02	3.4 E+01
Mercury	ug/l	1.4 E+01				3.5 E+01	3.5 E+00
	lbs/day	2.7 E+00				6.7 E+00	6.6 E-01
Nickel	ug/l	1.8 E+03				4.4 E+03	4.4 E+02
	lbs/day	3.4 E+02				8.4 E+02	8.4 E+01
Selenium	ug/l	5.3 E+03				1.3 E+04	1.3 E+03
	lbs/day	1.0 E+03				2.5 E+03	2.5 E+02
Silver	ug/l	2.3 E+02				6.0 E+02	4.8 E+01
	lbs/day	4.4 E+01				1.1 E+02	9.1 E+00
Zinc	ug/l	6.3 E+03				1.7 E+04	1.1 E+03
	lbs/day	1.2 E+03				3.2 E+03	2.0 E+02
Cyanide ²	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Endrin	ug/l	3.5 E-01				5.3 E-01	1.8 E-01
	lbs/day	6.7 E-02				1.0 E-01	3.4 E-02
Radioactivity ⁶	- - -	Not to exceed limits specified in Title 17 California Code of Regulations Section 30253, Standards for Protection Against Radiation					
<u>Acrolein</u>	<u>ug/l</u>		<u>1.9 E+04</u>				
	<u>lbs/day</u>		<u>3.7 E+03</u>				
<u>Antimony</u>	<u>ug/l</u>		<u>1.1 E+05</u>				
	<u>lbs/day</u>		<u>2.0 E+04</u>				
<u>Bis(2-chloroethoxy) Methane</u>	<u>ug/l</u>		<u>3.9 E+02</u>				
	<u>lbs/day</u>		<u>7.4 E+01</u>				
<u>Bis(2-chloroisopropyl) ether</u>	<u>ug/l</u>		<u>1.1 E+05</u>				
	<u>lbs/day</u>		<u>2.0 E+04</u>				
<u>Chlorobenzene</u>	<u>ug/l</u>		<u>5.0 E+04</u>				
	<u>lbs/day</u>		<u>9.6 E+03</u>				
Chromium (III)	ug/l		1.7 E+07				
	lbs/day		3.2 E+06				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
Di-n-butyl Phthalate	ug/l		3.1 E+05				
	lbs/day		5.9 E+04				
<u>Dichlorobenzenes</u> ⁷	<u>ug/l</u>		<u>4.5 E+05</u>				
	<u>lbs/day</u>		<u>8.6 E+04</u>				
Diethyl Phthalate	ug/l		2.9 E+06				
	lbs/day		5.5 E+05				
Dimethyl Phthalate	ug/l		7.2 E+07				
	lbs/day		1.4 E+07				
4,6-dinitro-2-methylphenol	ug/l		1.9 E+04				
	lbs/day		3.7 E+03				
2,4-dinitrophenol	ug/l		3.5 E+03 2				
	lbs/day		6.7 E+02 1				
<u>Ethylbenzene</u>	<u>ug/l</u>		<u>3.6 E+05</u>				
	<u>lbs/day</u>		<u>6.9 E+04</u>				
Hexachlorocyclopentadiene	ug/l		5.1 E+03				
	lbs/day		9.7 E+02				
Nitrobenzene	ug/l		4.3 E+02				
	lbs/day		8.2 E+01				
<u>Thallium</u>	<u>ug/l</u>		<u>1.8 E+02</u>				
	<u>lbs/day</u>		<u>3.4 E+01</u>				
<u>Toluene</u>	<u>ug/l</u>		<u>7.5 E+06</u>				
	<u>lbs/day</u>		<u>1.4 E+06</u>				
<u>1,1,1-trichloroethane</u>	<u>ug/l</u>		<u>4.8 E+07</u>				
	<u>lbs/day</u>		<u>9.1 E+06</u>				
<u>Acrylonitrile</u>	<u>ug/l</u>		<u>8.8 E+00</u>				
	<u>lbs/day</u>		<u>1.7 E+00</u>				
<u>Aldrin</u>	<u>ug/l</u>		<u>1.9 E-03</u>				
	<u>lbs/day</u>		<u>3.7 E-04</u>				
<u>Benzene</u>	<u>ug/l</u>		<u>5.2 E+02</u>				
	<u>lbs/day</u>		<u>9.9 E+01</u>				
<u>Benzidine</u>	<u>ug/l</u>		<u>6.1 E-03</u>				
	<u>lbs/day</u>		<u>1.2 E-03</u>				
<u>Beryllium</u>	<u>ug/l</u>		<u>2.9 E+00</u>				
	<u>lbs/day</u>		<u>5.5 E-01</u>				
<u>Bis(2-chloroethyl) Ether</u>	<u>ug/l</u>		<u>4.0 E+00</u>				
	<u>lbs/day</u>		<u>7.6 E-01</u>				
<u>Bis(2-ethylhexyl) Phthalate</u>	<u>ug/l</u>		<u>3.1 E+02</u>				
	<u>lbs/day</u>		<u>5.9 E+01</u>				
<u>Carbon Tetrachloride</u>	<u>ug/l</u>		<u>7.9 E+01</u>				
	<u>lbs/day</u>		<u>1.5 E+01</u>				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
<u>Chlordane</u> ⁸	<u>ug/l</u>		<u>2.0 E-03</u>				
	<u>lbs/day</u>		<u>3.9 E-04</u>				
Chlorodibromomethane	ug/l		7.6 E+02				
	lbs/day		1.4 E+02				
<u>Chloroform</u>	<u>ug/l</u>		<u>1.1 E+04</u>				
	<u>lbs/day</u>		<u>2.2 E+03</u>				
<u>DDT</u> ⁹	<u>ug/l</u>		<u>1.5 E-02</u>				
	<u>lbs/day</u>		<u>2.9 E-03</u>				
<u>1,4-dichlorobenzene</u>	<u>ug/l</u>		<u>1.6 E+03</u>				
	<u>lbs/day</u>		<u>3.0 E+02</u>				
<u>3,3'-dichlorobenzidine</u>	<u>ug/l</u>		<u>7.1 E-01</u>				
	<u>lbs/day</u>		<u>1.4 E-01</u>				
<u>1,2-dichloroethane</u>	<u>ug/l</u>		<u>2.5 E+03</u>				
	<u>lbs/day</u>		<u>4.7 E+02</u>				
<u>1,1-dichloroethylene</u>	<u>ug/l</u>		<u>7.9 E+01</u>				
	<u>lbs/day</u>		<u>1.5 E+01</u>				
Dichlorobromomethane	ug/l		5.5 E+02				
	lbs/day		1.0 E+02				
<u>Dichloromethane</u>	<u>ug/l</u>		<u>4.0 E+04</u>				
	<u>lbs/day</u>		<u>7.6 E+03</u>				
<u>1,3-dichloropropene</u>	<u>ug/l</u>		<u>7.8 E+02</u>				
	<u>lbs/day</u>		<u>1.5 E+02</u>				
<u>Dieldrin</u>	<u>ug/l</u>		<u>3.5 E-03</u>				
	<u>lbs/day</u>		<u>6.7 E-04</u>				
2,4-dinitrotoluene	ug/l		2.3 E+02				
	lbs/day		4.4 E+01				
1,2-diphenylhydrazine	ug/l		1.4 E+01				
	lbs/day		2.7 E+00				
Halomethanes ¹⁰	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
<u>Heptachlor</u>	<u>ug/l</u>		<u>4.4 E-03</u>				
	<u>lbs/day</u>		<u>8.4 E-04</u>				
Heptachlor Epoxide	ug/l		1.8 E-03				
	lbs/day		3.4 E-04				
<u>Hexachlorobenzene</u>	<u>ug/l</u>		<u>1.8 E-02</u>				
	<u>lbs/day</u>		<u>3.5 E-03</u>				
Hexachlorobutadiene	ug/l		1.2 E+03				
	lbs/day		2.4 E+02				
Hexachloroethane	ug/l		2.2 E+02				
	lbs/day		4.2 E+01				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
Isophorone	ug/l		6.4 E+04				
	lbs/day		1.2 E+04				
N-nitrosodimethylamine	ug/l		6.4 E+02				
	lbs/day		1.2 E+02				
N-nitrosodi-N-propylamine	ug/l		3.3 E+01				
	lbs/day		6.4 E+00				
N-nitrosodiphenylamine	ug/l		2.2 E+02				
	lbs/day		4.2 E+01				
<u>PAHs</u> ¹¹	<u>ug/l</u>		<u>7.7 E-01</u>				
	<u>lbs/day</u>		<u>1.5 E-01</u>				
<u>PCBs</u> ¹²	<u>ug/l</u>		<u>1.7 E-03</u>				
	<u>lbs/day</u>		<u>3.2 E-04</u>				
<u>TCDD equivalents</u> ¹³	<u>ug/l</u>		<u>3.4 E-07</u>				
	<u>lbs/day</u>		<u>6.6 E-08</u>				
<u>1,1,2,2-tetrachloroethane</u>	<u>ug/l</u>		<u>2.0 E+02</u>				
	<u>lbs/day</u>		<u>3.9 E+01</u>				
<u>Tetrachloroethylene</u>	<u>ug/l</u>		<u>1.8 E+02</u>				
	<u>lbs/day</u>		<u>3.4 E+01</u>				
<u>Toxaphene</u>	<u>ug/l</u>		<u>1.8 E-02</u>				
	<u>lbs/day</u>		<u>3.5 E-03</u>				
<u>Trichloroethylene</u>	<u>ug/l</u>		<u>2.4 E+03</u>				
	<u>lbs/day</u>		<u>4.5 E+02</u>				
<u>1,1,2-trichloroethane</u>	<u>ug/l</u>		<u>8.3 E+02</u>				
	<u>lbs/day</u>		<u>1.6 E+02</u>				
2,4,6-trichlorophenol	ug/l		2.6 E+01				
	lbs/day		4.9 E+00				
<u>Vinyl Chloride</u>	<u>ug/l</u>		<u>3.2 E+03</u>				
	<u>lbs/day</u>		<u>6.1 E+02</u>				

10. The following corrections to Section VI.A.2.g on page 19 has been made:

This Order expires on ~~June 8~~ **August 10**, 2010, after which, the terms and conditions of this permit are automatically continued pending issuance of a new permit, provided that all requirements of USEPA's NPDES regulations at 40 CFR 122.6 and the State's regulations at CCR Title 23, Section 2235.4 regarding the continuation of expired permits and waste discharge requirements are met.

11. The following addition to Section VI *Provisions, C. Special Provisions* which begins on page 20 has been made:

3. Planned Bypasses at La Salina Wastewater Treatment Plant

A bypass of the south treatment train at the La Salina Wastewater Treatment Plant for planned repair, maintenance and upgrades is not prohibited provided that all of the following are satisfied:

- a. At least three months prior to initiating a bypass, the discharger submits a technical report for the proposed bypass that includes the following:**
 - (i) Start date and duration of the proposed bypass.**
 - (ii) Scope of the proposed project.**
 - (iii) Adequate information to demonstrate that the bypass is not a prohibited bypass because it meets the criteria given in Provision I.G.3 (a) and (b) of Attachment D Standard Provisions - Permit Compliance.**
 - (iv) Adequate information to demonstrate that the discharger has minimized the anticipated duration and anticipated impact of the proposed bypass.**
- b. The Regional Board has provided the Discharger with written notification that the proposed bypass is not prohibited prior to initiating the bypass.**
- c. For the duration of the bypass, the combined effluent at Monitoring Point M-003 is monitored at the same frequency as Monitoring Points M-001 and M-002 for the constituents listed under Monitoring and Reporting Program Table 3a and the combined effluent complies with the technology-based effluent limitations contained in Table 7a of Section IV. Discharge Specifications and Effluent Limitations of the Order. Determination of percent removal for carbonaceous biochemical oxygen demand and total suspended solids shall be based on a system-wide basis in lieu of the formula provided under Section VII. Compliance Determination.**
- d. The discharger conducts additional effluent and receiving water monitoring relevant to the proposed bypass required by the Regional Board.**

12. The following corrections have been made to Section VI.C.2.a on page 21:

- 2. Special Studies, Technical Reports, and Additional Monitoring Requirements
 - a. Oceanside Ocean Outfall Capacity

No later than 180 days prior to the Order's expiration date, the Discharger shall submit a written report to the Executive Officer regarding capacity of the Oceanside Ocean Outfall (OOO) that **addresses satisfies** the following **items**:

- 1) **Most current report on The** OOO capacity **evaluation was** conducted within **365 days of the expiration four and a half years after the adoption** date of this Order **(June 8, 2010).**
- 2) **The report includes T**the Discharger's best estimate of when the average daily flow will equal or exceed the OOO capacity.
- 3) **The report includes T**the Discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for the OOO and/or to control the flow rate before the flow rate is equal to the current outfall capacity.
- 4) **The report includes Report on an evaluation of the** physical condition of the OOO **conducted within four and a half years after the adoption date of this Order.**
- 5) The report must be signed and agreed upon by each of the parties discharging through the OOO.

13. The following correction have been made to the first sentence of the first paragraph of Section VI.C.2.b regarding Treatment Plant Capacity on page 21:

The Discharger shall submit a written report to the Executive Officer within 90 days after the monthly average influent flow rate equals or exceeds 75 percent of the design secondary treatment capacity **(3.94 MGD)** of the wastewater treatment and/or disposal facilities.

14. Section VI.C.2.c regarding Spill Prevention and Response Plans on page 21 has been deleted.

15. Section VI.C.2.d has been renumbered as Section VI.C.2.c. The first paragraph of this section has been replaced by the following:

For purposes of this section, a spill is a discharge of treated or untreated wastewater that occurs at or downstream of the SLRWTP or LSWTP headworks in violation of Discharge Prohibition A of this Order, or a discharge of other materials related to treatment and operations of the SLRWTP, LSWTP and BGDF that occurs anywhere throughout the collection and treatment system owned and/or operated by the Discharger. This section does not include sanitary sewer overflows reportable under separate waste discharge requirements. The Discharger shall report spills in accordance with the following procedures:

16. A new Section VI.C.2.d regarding Sanitary Sewer Systems and Sanitary Sewer Overflow Reporting has been added as follows:

d. Sanitary Sewer Systems and Sanitary Sewer Overflow Reporting Requirements

A sanitary sewer system is a wastewater collection system including sewers, pipes, pumps, or other conveyances which convey wastewater (e.g. domestic, commercial, and industrial wastewaters) to a wastewater treatment plant. A sanitary sewer system is part of the publicly owned treatment works, and all federal Standard Provisions of this Order apply to a sanitary sewer system. A sanitary sewer overflow is each instance of a discharge from a sanitary sewer system at any point upstream of the headworks of a wastewater treatment plant. Temporary storage and conveyance facilities (such as wet wells, impoundments, tanks, highlines, etc.) are part of the sanitary sewer system and are not sanitary sewer overflows provided that sewage from these facilities is not discharged to waters of the State.

The Discharger shall report sanitary sewer overflows from the sanitary sewer system owned and operated by the Discharger in accordance with Monitoring and Reporting Program No. 96-04, Sanitary Sewer Overflow Reporting Procedures for Sewage Collection Agencies, incorporated by reference into this Order.

17. Section VI.C.2.g regarding Urban Runoff Diversions on page 28 has been deleted.

18. The following corrections have been made to the first sentence under Compliance Determination Section VII.K on page 32:

Compliance with the Acute Toxicity ~~limitation in the Final Effluent Limitations~~ **Performance Goals** for Outfall 001 (Section IV.B.13 of this Order) shall be determined using an established protocol, e.g., American Society for Testing Materials (ASTM), USEPA, American Public Health Association, or State Board.

19. The following corrections have been made to Compliance Determination Section VII.M Toxicity Reduction Evaluation (TRE) on page 33:

The Discharger shall develop a Toxicity Reduction Evaluation (TRE) workplan in accordance with the TRE procedures established by the USEPA in the following guidance manuals:

1. Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations (EPA/600/2-88/070).
2. Toxicity Identification Evaluation, Phase I (EPA/600/6-91/005F).
3. Methods for Aquatic Toxicity Identification Evaluations, Phase II (EPA/600/R-92/080).
4. Methods for Aquatic Toxicity Identification Evaluations, Phase III (EPA/600/R-92/081).

The Discharger shall submit the TRE workplan to the Regional Water Board within 180 days of the adoption of this Order. The TRE workplan shall be subject to the approval of the Regional Water Board and shall be modified as directed by the Regional Water Board.

If ~~a~~ toxicity effluent limitations or performance goals identified in Section IV.B.2 of this Order ~~are is~~ exceeded, then within 15 days of the exceedance, the Discharger shall ~~begin conducting six additional toxicity tests over a 6-month (at least one sample per calendar month, for a total of two samples per calendar month)~~ conduct chronic and acute toxicity tests monthly for a 6-month period and provide the results to the Regional Water Board. The additional monthly toxicity tests will be incorporated into the semiannual discharge monitoring reports submitted pursuant to ~~MRP No. R9-2005-0136~~ Attachment E – Monitoring and Reporting Program.

If the additional monthly tests indicate that toxicity effluent limitations are being consistently violated (at least three exceedances out of the six tests), the Regional Water Board may recommend that the Discharger conduct a TRE and a Toxic Identification Evaluation (TIE), as identified in the approved TRE workplan.

Within ~~fifteen~~ 30 days of completion of the TRE/TIE, the Discharger shall submit the results of the TRE/TIE, including a summary of the findings, data generated, a list of corrective actions necessary to achieve consistent compliance with all the toxicity limitation of this Order and prevent recurrence of violations of those limitation, and a time schedule for implementation of such corrective actions. The corrective actions and time schedule shall be modified at the direction of the Executive Officer.

20. Compliance Determination Sections VII.N and VII.O on page 34 have been deleted and following sections have been renumbered accordingly.

21. The following correction has been made to Compliance Determination Section VII.Q.2, which has been renumbered as Compliance Determination Sections VII.O.2:

For all bacterial analyses, sample dilutions should be performed so the range of values extends from 2 to 16,000 MPN (most probable number). The detection methods used for each analysis shall be reported with the results of the analysis. Detection methods used for coliforms (total and fecal) shall be those ~~presented in the most recent edition of Standard Methods for the Examination of Water and Wastewater listed in 40 CFR 136~~ or any improved method determined by the Regional Water Board (and approved by USEPA) to be appropriate. Detection methods used for enterococcus shall be those presented in USEPA publication USEPA 600/4-85/076, Test Methods for Escherichia coli and Enterococci in Water by Membrane Filter Procedure, listed under 40 CFR 136, and any other ~~approved~~ method approved by the Regional Water Board. ~~Test Methods for Escherichia coli and Enterococci in Water by Membrane Filter Procedure or any improved method determined by the Regional Water Board to be appropriate.~~

22. A definition for “Surface Waters” has been added to Attachment A – Definitions as follows:

Surface Waters include navigable waters, rivers, streams (including ephemeral streams), lakes, playa lakes, natural ponds, bays, the Pacific Ocean, lagoons, estuaries, man-made canals, ditches, dry arroyos, mudflats, sandflats, wet meadows, wetlands, swamps, marshes, sloughs and water courses, and storm drains tributary to surface waters. Surface Waters include waters of the United States as used in the federal Clean Water Act (see 40 CFR 122.2)

23. The following Table of Contents replaces the Table of Contents on page E-1 of Attachment E – Monitoring and Reporting Program:

ATTACHMENT E – MONITORING AND REPORTING PROGRAM

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24. The following corrections have been made to Table 1. Monitoring Station Locations on page E-3 of Appendix E: Monitoring and Reporting Program:

Table 1. Monitoring Station Locations

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
	M-INF1	At a location where all influent flows to SLRWTP are accounted for in monitoring events; upstream of any in-plant return flows; and where representative samples of influent can be collected.
	M-INF2	At a location where all influent flows to LSWTP are accounted for in monitoring events; upstream of any in-plant return flows; and where representative samples of influent can be collected.
	M-001	Downstream of any in-plant return flows at SLRWTP where representative samples of effluent treated solely at SLRWTP can be collected.
	M-002	Downstream of any in-plant return flows where representative samples of effluent treated solely at LSWTP can be collected.
Outfall 001	M-003	At a location where representative samples of commingled effluent from SLRWTP, LSWTP, and BGDF <u>and Biogen IDEC Pharmaceuticals Corp.</u> can be collected before combining with wastewaters from Fallbrook Public Utility District and US Marine Corp Base Camp Pendleton.
		- Receiving Water Monitoring Stations -
		- Surf Zone Monitoring Stations -
	<u>S1</u>	<u>Surf Zone; 5,500 ft south of the outfall</u>
	S2	Surf Zone; 2,500 ft south of the outfall
	S3	Surf Zone; at the outfall
	S4	Surf Zone; 2,000 ft north of the outfall
	S5	Surf Zone; 5,800 ft north of the outfall
	S6	<u>Surf Zone; 8,000 ft south of the outfall</u> <u>To be determined at a later date</u>
	S7	<u>Surf Zone; 10,000 ft south of the outfall</u> <u>To be determined at a later date</u>
		- Near Shore Monitoring Stations -
	<u>N1</u>	<u>Opposite S1; at the 30 foot depth contour, MLLW</u>
	N2	Opposite S2; at the 30 foot depth contour, MLLW
	N3	Opposite S3; at the 30 foot depth contour, MLLW

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
	N4	Opposite S4; at the 30 foot depth contour, MLLW
	N5	Opposite S5; at the 30 foot depth contour, MLLW
	N6	Opposite S6; at the 30 foot depth contour, MLLW <u>To be determined at a later date</u>
	N7	Opposite S7; at the 30 foot depth contour, MLLW <u>To be determined at a later date</u>
		- Offshore Monitoring Stations -
	A1 – A4	At the corners of a 1,000 ft x 1,000 ft square having one side parallel to shore and the intersection of its diagonals at the seaward end of the outfall
	A5	At the seaward end of the outfall
	B1	One mile downcoast from the outfall, and over the same depth contour as Station A5
	B2	One mile upcoast from the outfall, and over the same depth contour as Station A5
		- Biological Transects -
	T0	At the 20, 40, 60, and 80 ft depth contours along the transect located 50 ft downcoast of and parallel to the outfall
	T1	At the 20, 40, 60, and 80 ft depth contours along the transect located 1 mile downcoast of and parallel to the outfall
	T2	At the 20, 40, 60, and 80 ft depth contours along the transect located 1.5 miles upcoast of and parallel to the outfall

25. The following corrections have been made to Table 3a. Effluent Monitoring at M-001 and M-002 in Section IV. Effluent Monitoring Requirements on page E-5 of Attachment E - Monitoring and Reporting Program:

Table 3a. Effluent Monitoring at M-001 and M-002

Parameter	Units	Sample Type ¹	Minimum Sampling Frequency
Flow ¹⁴	MGD	recorder / totalizer	continuous
CBOD ₅	mg/L	24 hr composite	daily ²
BOD ₅	mg/L	24 hr composite	monthly
TSS	mg/L	24 hr composite	daily ²
pH	pH Units	grab	daily ²
Oil and Grease	mg/L	grab	monthly ³
Settleable Solids	mL/L	grab	daily ²

26. The following rows have been added to Table 3b. Effluent Monitoring at M-003 in Section IV. Effluent Monitoring Requirements on page E-5 of Attachment E - Monitoring and Reporting Program:

Table 3b. Effluent Monitoring at M-003

Parameter	Units	Sample Type ¹	Minimum Sampling Frequency
<u>Flow</u> ¹⁴	<u>MGD</u>	<u>recorder / totalizer</u>	<u>continuous</u>
<u>Oil and Grease</u>	<u>mg/L</u>	<u>grab</u>	<u>monthly</u> ³
<u>Settleable Solids</u>	<u>mL/L</u>	<u>grab</u>	<u>daily</u> ²

27. The following corrections have been made to Table 3b. Effluent Monitoring at M-003 in Section IV. Effluent Monitoring Requirements on page E-5 of Attachment E - Monitoring and Reporting Program:

Table 3b. Effluent Monitoring at M-003

Parameter	Units	Sample Type ¹	Minimum Sampling Frequency
antimony	µg/L	Grab 24 hr composite	semiannually ³

28. The following corrections have been made to Table 4. Whole Effluent Toxicity Testing in Section V. Whole Effluent Toxicity Monitoring Requirements on page E-7 of Attachment E - Monitoring and Reporting Program:

Table 4. Whole Effluent Toxicity Testing

Test	Unit	Sample	Minimum Test Frequency
Acute Toxicity	TU _a	24-Hr. Composite	quarterly semiannually
Chronic Toxicity	TU _c	24-Hr. Composite	quarterly

29. The following has replaced Section VI.B *Near Shore Water Quality Monitoring* on page E-10 of Attachment E - Monitoring and Reporting Program:

1. Reduced Monitoring

If the Executive Officer determines that the effluent at all times complies with Section IV.B Effluent Limitations and Performance Goals of Order No. R9-2005-0136, only reduced near shore water quality monitoring specified below is required.

Table 6. Near Shore Water Quality Reduced Monitoring Requirements

<u>Determination</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency</u>
<u>Visual Observations</u>	<u>=</u>	<u>=</u>	<u>monthly</u>
<u>Total and Fecal Coliform</u>	<u>number / 100 ml</u>	<u>grab</u> ⁹	<u>monthly</u>
<u>Enterococcus</u> ⁵	<u>number / 100 ml</u>	<u>grab</u> ⁹	<u>monthly</u>

2. Intensive Monitoring

The intensive near shore water quality monitoring specified below is required during the 12-month period beginning July 1, 2008 through June 30, 2009, and must be submitted by August 31, 2009. This monitoring data will assist Regional board staff in the evaluation of the Report of Waste Discharge. The intensive near shore water quality monitoring specified below is also required if the Executive Officer determines that the effluent does not at all times comply with Section IV.B Effluent Limitations and Performance Goals of Order No. R9-2005-0136.

Table 7. Near Shore Water Quality Intensive Monitoring Requirements

<u>Determination</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency</u>
<u>Visual Observations</u>	<u>=</u>	<u>=</u>	<u>monthly</u>
<u>Total and Fecal Coliform</u>	<u>number / 100 ml</u>	<u>grab</u> ¹¹	<u>monthly</u>
<u>Enterococcus</u> ⁵	<u>number / 100 ml</u>	<u>grab</u> ¹¹	<u>monthly</u>

30. The following changes to Section VI.C *Off Shore Water Quality Monitoring* on page E-10 of Attachment E – Monitoring and Reporting Program has been made:

1. Reduced Monitoring

If the Executive Officer determines that the effluent at all times complies with Section IV.B Effluent Limitations and Performance Goals of Order No. R9-2005-0136, only reduced off shore water quality monitoring specified below is required.

Table 8. Off Shore Water Quality Reduced Monitoring Requirements

<u>Determination</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency</u>
<u>Visual Observations</u>	<u>=</u>	<u>=</u>	<u>monthly</u>
<u>Total and Fecal Coliform</u>	<u>number / 100 ml</u>	<u>grab</u> ¹¹	<u>monthly</u>
<u>Enterococcus</u> ⁵	<u>number / 100 ml</u>	<u>grab</u> ¹¹	<u>monthly</u>

2. Intensive Monitoring

The intensive off shore water quality monitoring specified below is required during the 12-month period beginning July 1, 2008 through June 30, 2009, and must be submitted by August 31, 2009. This monitoring data will assist Regional board staff in the evaluation of the Report of Waste Discharge. The intensive off shore water quality monitoring specified below is also required if the Executive Officer determines that the effluent does not at all times comply with Section IV.B Effluent Limitations and Performance Goals of Order No. R9-2005-0136.

Table 9. Off Shore Water Quality Intensive Monitoring Requirements

<u>Determination</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency</u>
<u>Visual Observations</u>	<u>-</u>	<u>-</u>	<u>monthly</u>
<u>Total and Fecal Coliform</u>	<u>number / 100 ml</u>	<u>grab ¹¹</u>	<u>monthly</u>
<u>Enterococcus ⁵</u>	<u>number / 100 ml</u>	<u>grab ¹¹</u>	<u>monthly</u>
<u>Conductivity, Temperature and Depth (CTD)</u>	<u>Practical salinity units, ° C, feet</u>	<u>instrument (1- meter intervals, surface to bottom)</u>	<u>monthly</u>
<u>Dissolved Oxygen</u>	<u>mg/L</u>	<u>grab ¹²</u>	<u>monthly</u>
<u>Light Transmittance</u>	<u>percent</u>	<u>instrument ¹²</u>	<u>monthly</u>
<u>pH</u>	<u>pH units</u>	<u>grab ⁹</u>	<u>monthly</u>

31. The following changes to Section VI.D *Benthic Monitoring* on pages E-10 and E-11 of Attachment E – Monitoring and Reporting Program have been made:

~~The monitoring specified below is required for a 12-month beginning July 1, 2008 through June 30, 2009. The monitoring data will assist Regional Water Board staff in the evaluation of the Report of Waste Discharge, which is required to be submitted by the Discharger within 180 days prior to the Order's expiration date of June 8, 2010. Benthic monitoring shall be conducted at all offshore monitoring stations.~~

The intensive monitoring specified below is required during the 12-month period beginning July 1, 2008 through June 30, 2009, and must be submitted by August 31, 2009. This monitoring data will assist Regional board staff in the evaluation of the Report of Waste Discharge. The sediment monitoring specified below is also required if the Executive Officer determines that the effluent does not at all times comply with Section IV.B Effluent Limitations and Performance Goals of Order No. R9-2005-0136. Benthic monitoring shall be conducted at all off shore monitoring stations.

1. Sediment Characteristics. Analyses shall be performed on the upper two inches of core.

Table 8. Sediment Monitoring Requirements

Determination	Units	Type of Sample	Minimum Frequency
Sulfides	mg/kg	core	Semi-annually Year 4
Total Chlorinated Hydrocarbons	mg/kg	core	Semi-annually Year 4
BOD ₅	mg/kg	core	Semi-annually Year 4
COD	mg/kg	core	Semi-annually Year 4
Particle Size Distribution	mg/kg	core	Semi-annually Year 4

Arsenic	mg/kg	core	<u>Annually</u> Year 4
Cadmium	mg/kg	core	<u>Annually</u> Year 4
Total Chromium	mg/kg	core	<u>Annually</u> Year 4
Copper	mg/kg	core	<u>Annually</u> Year 4
Lead	mg/kg	core	<u>Annually</u> Year 4
Mercury	mg/kg	core	<u>Annually</u> Year 4
Nickel	mg/kg	core	<u>Annually</u> Year 4
Silver	mg/kg	core	<u>Annually</u> Year 4
Zinc	mg/kg	core	<u>Annually</u> Year 4
Cyanide	mg/kg	core	<u>Annually</u> Year 4
Phenolic Compounds	mg/kg	core	<u>Annually</u> Year 4
Radioactivity	pCi/kg	core	<u>Annually</u> Year 4

2. Infauna. Samples shall be collected with a Paterson, Smith-McIntyre, or orange-peel type dredge, having an open sampling area of not less than 124 square inches and a sediment capacity of not less than 210 cubic inches. The sediment shall be sifted through a one-millimeter mesh screen and all organisms shall be identified to as low a taxon as possible.

Table 9 11. Infauna Monitoring Requirements

Determination	Units	Minimum Frequency
Benthic Biota	Identification and enumeration	3 grabs <u>semi-annually</u> Year 4

32. The following correction has been made to the first paragraph under Section VI.H *Intensive Monitoring* on page E-13 of Attachment E–Monitoring and Reporting Program:
The Discharger shall perform the intensive monitoring as described by this MRP for ~~years 1 and 3~~ year 4 of the Order and participate in the Southern California Coastal Water Research Project (SCCWRP) Bight Study in year 5 of this Order.
33. Section VI.I *Plume Tracking Study* on page E-13 of Attachment E–Monitoring and Reporting Program has been deleted.

34. Section VI.J *Determination of Compliance with Water Quality Objectives* on page E-13 of Attachment E–Monitoring and Reporting Program has been deleted.

35. Section VI.K *Urban Runoff Diversions* on page E-13 of Attachment E–Monitoring and Reporting Program has been deleted.

The Discharger shall report all instances of noncompliance not reported under (Attachment ~~E-D~~ ~~E-D~~.III, ~~E-D~~.V, and ~~E-D~~.VI of Order No. R9-2005-0136 at the time monitoring reports are submitted.

36. The following corrections have been made to Section VII.A.5 on page E-14 of Attachment E–Monitoring and Reporting Program:

37. The following correction has been made to Section VII.A.6 on page E-15 of Attachment E–Monitoring and Reporting Program:

Laboratory method detection limits (MDLs), ~~practical quantitation limits (PQLs)~~, and minimum Levels (MLs) shall be identified for each constituent in the matrix being analyzed with all reported analytical data. Acceptance of data shall be based on demonstrated laboratory performance.

38. The following Table of Contents replaces the Table of Contents on page F-1 of Attachment A-Fact Sheet:

Attachment F – Fact Sheet

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39. The following correction to the third sentence of the fourth paragraph of Section II.A of the Fact Sheet on page F-4 has been corrected as follows:

The higher treatment capacity of SLRWTP resulting from the addition of the West Plant was approved by the Regional Water Board on ~~May~~ **June 21**, 2005.

40. The following corrections have been made to the second paragraph under Section II.B of the Fact Sheet on page F-6:

The design capacity of the OOO is 30 MGallons/Day (average daily flow), with a maximum rated peak-day capacity of 45 MGallons/Day. The Discharger is subject to a flow limitation of 22.9 MGD contained in this Order for the discharge of effluent from its Facilities through the OOO to the Pacific Ocean. The Discharger has a contract with the Fallbrook Public Utility District (FPUD) for the discharge of an average annual flowrate of 2.4 MGallons/Day of treated wastewater from the FPUD through the OOO, subject to waste discharge requirements contained in Order No. 2000-012 (NPDES No. CA0108031) which is scheduled for renewal ~~on June 8, 2005~~ as Order No. R9-2005-0137. The City of Oceanside has a contract with the US Marine Corp Base Camp Pendleton (USMCBCP) for the discharge of up to 3.6 MGD of undisinfected secondary effluent, treated at USMCBCP Wastewater Treatment Plant Nos. 1, 2, 3, and 13, to the Pacific Ocean through the OOO, subject to waste discharge requirements contained in Order No. R9-2003-0155 (NPDES Permit No. CA0109347) which was adopted by the Regional Board on August 13, 2003. The City of Oceanside has a contract with Biogen IDEC Pharmaceuticals Corporation (IDEC) for the discharge of up to 0.155 MGD of brine and other wastes associated with water softening and purification processes and other non-industrial maintenance-type activities to the Pacific Ocean through the OOO, subject to waste discharge requirements contained in Order No. R9-2003-0140 (NPDES Permit No. CA0109193) which was adopted by the Regional Board on August 13, 2003. **The Discharger allows the discharge from IDEC to commingle with its discharge prior to Outfall 001 Monitoring Station M-003 which could influence the Discharger's ability to comply effluent limitations.** The combined permitted flowrate from all agencies discharging through the OOO is 29.055 MGD.

41. The following corrections were made to the first paragraph and Table 4 under Section II.C of the Fact Sheet on page F-7:

Effluent limitations contained in Order No. 2000-01~~2~~**1** for discharges from the Discharger's Facility and representative monitoring data obtained at Monitoring Locations M-001 and M-002 for years 1999 through 2003 are as follows:

Table 4. Historic Effluent Limitations and Monitoring Data

Parameter (units)		Effluent Limitation			Monitoring Data (From 1999 To 2003)	
		Monthly Average (30-day)	Weekly Average (7-day)	Maximum at any time	Mean Discharge	Maximum Discharge
CBOD ₅	mg/L	25	40	45	5.8 <u>3.5</u>	220 <u>23.2</u>
	lbs/day	410 <u>3400</u>	650 <u>5400</u>	730 <u>6100</u>	72	2,766
TSS	mg/L	30	45	50	4.7 <u>6.3</u>	430 <u>146</u>
	lbs/day	490 <u>4100</u>	730 <u>6100</u>	810 <u>6800</u>	56	5,407
O&G	mg/L	25	40	75	5.3 <u>10</u>	29 <u>50</u>
	lbs/day	410 <u>3400</u>	650 <u>5400</u>	730 <u>10000</u>	58.9	212
Settleable Solids	mL/L	1.0	1.5	3.0	0.1	0.1 <u>42</u>
Turbidity	NTU	75	100	225	1.78 <u>3.9</u>	11.5 <u>75</u>
pH		6.0 to 9.0			7.14 <u>7.4</u>	7.48 <u>8.1</u>
Acute toxicity	TUa	1.5	2.0	2.5	0.61 <u>1.1</u>	1.18 <u>3.0</u>

42. The following corrections were made to the first sentence of the third paragraph under Section II.C of the Fact Sheet on page F-8:

The effluent exceeded technology-based acute toxicity effluent limits based on acute toxicity test results for samples taken on January 9, 2003 (1.56 TUa); March 21 and 28, 2003 (3.04 and ~~2.09~~ 1.62 TUa); and April 8, 2003 (1.79 TUa).

43. The following corrections were made to Table 5 under Section II.C of the Fact Sheet on page F-8:

Table 5. Toxic Pollutant Monitoring

Toxic Pollutant from Table B of the Ocean Plan (1997)	Monitoring Frequency
Ammonia	Monthly
Chlorine	Daily
Metals, Cyanide, Chlorinated and Non-Chlorinated Phenolics, Endosulfan, Endrin, HCH, Radioactivity <u>Table B pollutants listed with Objectives for the Protection of Marine Aquatic Life from the Ocean Plan (1997) except ammonia, chlorine and chronic toxicity</u>	Quarterly
All other Table B pollutants from the Ocean Plan (1997)	Semi-Annually

44. The following is inserted as Section III.C.5 *Alaska Rule* on page F-12 of Attachment F:

Alaska Rule. On March 30, 2000, USEPA revised its regulation that specifies when new and revised State and Tribal water quality standards (WQS) become effective for Clean Water Act (CWA) purposes (40 CFR 131.21, 65 FR 24641, April 27, 2000). Under USEPA's new regulation (also known as the Alaska rule), new and revised

standards submitted to USEPA after May 30, 2000, must be approved before being used for CWA purposes. The final rule also provides that standards already in effect and submitted to USEPA by May 30, 2000, may be used for CWA purposes, whether or not approved by USEPA.

45. The following is inserted as Section III.C.6 *No More Stringent Than Federal Law* on page F-12 of Attachment F:

No More Stringent Than Federal Law. This Order contains restrictions on individual pollutants that are no more stringent than required by the federal Clean Water Act. Individual pollutant restrictions consist of technology-based restrictions and water quality-based effluent limitations. The technology-based effluent limitations consist of restrictions on carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), and hydrogen ion concentration (pH). Restrictions on CBOD₅, TSS, and pH are specified in federal regulations as discussed in Finding F, and the Order's technology-based pollutant restrictions are no more stringent than required by the Clean Water Act. Water quality-based effluent limitations have been derived to implement water quality objectives that protect beneficial uses. Both the beneficial uses and the water quality objectives have been approved pursuant to federal law and are the applicable federal water quality standards. To the extent that toxic pollutant water quality-based effluent limitations were derived from the Ocean Plan (2001), the Ocean Plan is the applicable standard pursuant to CWA Section 303(c)(1). The scientific procedures for calculating the individual water quality-based effluent limitations are based on the Program of Implementation contained in the California Ocean Plan, which was adopted by the State Water Resources Control Board on November 16, 2000 and approved by USEPA on December 3, 2001. Most beneficial uses and water quality objectives contained in the Basin Plan were approved under state law and submitted to and approved by USEPA prior to May 30, 2000. Any water quality objectives and beneficial uses submitted to USEPA prior to May 30, 2000, but not approved by USEPA before that date, are nonetheless "applicable water quality standards for purposes of the [Clean Water] Act" pursuant to 40 CFR 131.21(c)(1). The remaining water quality objectives and beneficial uses implemented by this Order (specifically temperature) were adopted in the *Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Water and Enclosed Bays and Estuaries of California* (Thermal Plan) on May 18, 1972 and amended on September 18, 1975 and are applicable water quality standards pursuant to 40 CFR 131.21(c)(1). Collectively, this Order's restrictions on individual pollutants are no more stringent than required to implement the technology-based requirements of the Clean Water Act and the applicable water quality standards for purposes of the Clean Water Act.

46. The following changes to Section IV.A *Discharge Prohibitions* on page F-11 of Attachment F have been made:

Prohibition A.1 of Order No. 2000-011 been modified to clearly define what types of discharges are prohibited by this Order. The modified prohibition is contained in Section III.A of this Order. ~~In addition, language has been added in Section VII, Compliance Determination, which accurately describes how violations of Prohibition III.A and the other discharge prohibitions contained in Order No. R9-2005-0136 are determined. Discharges from the Facility to surface water in violation of prohibitions contained in Order No. R9-2005-01036 are violations of the Clean Water Act and therefore are subject to third party lawsuits. Discharges from the Facility to land in violation of prohibitions contained in Order No. R9-2005-0136 are violations of the California Water Code and are not subject to third party lawsuits under the Clean Water Act (the California Water Code does not contain provisions allowing third party lawsuits). This clarification is intended to address concerns raised by Dischargers regarding third party lawsuits.~~

47. The following corrections were made to the second paragraph under Section IV.C.3 of the Fact Sheet on page F-17:

Conventional pollutants were not a part of the reasonable potential analysis and are included in this Order as described in Section B.2 above. ~~Constituents that did not have enough data to run an RPA have retained their effluent limitations from Order No. 2000-011. Effluent limitations from Order No. 2000-011 are not retained for constituents for which RPA results indicated Endpoint 3; performance goals have instead also been assigned for these constituents.~~ The MRP for this Order is designed to obtain additional information for these constituents to determine if reasonable potential exists for these constituents in future permit renewals and/or updates.

48. The following correction was made to the second paragraph under Section IV.C.5 of the Fact Sheet on page F-20:

There is no requirement to monitor for acute toxicity for discharges with minimum initial dilution factors below 100; however, a requirement to monitor for acute toxicity semiannually is included to ensure that recent actions taken by the Discharger to control acute toxicity remain effective and to provide appropriate data for future RPA. ~~However,~~ ~~Based on a reasonable potential analysis result of Endpoint 2 using acute toxicity data from June 2003 through May 2005 and the Discharger's compliance history, a water quality-based acute toxicity performance goal of 2.91 TUa is included in Order No. R9-2005-0136 which replaces the technology-based acute toxicity effluent limitation in Order No. 2000-011.~~

49. The following corrections have been made to Table 7b. Effluent Limitations based on California Ocean Plan 2001 in Section IV.D Final Effluent Limitations on page F-21 of the Fact Sheet:

Table 7b. Effluent Limitations based on California Ocean Plan 2001

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
Oil and Grease	mg/l		25	40		75	
	lbs/day		4.4 E+3	7.0 E+3		1.4 E+ 34	
Settleable Solids	ml/l		1.0	1.5		3.0	
Turbidity	NTU		75	100		225	
Total Chlorine Residual ³	ug/l	7.0 E+02				5.3 E+03	1.8 E+02
	lbs/day	1.3 E+02				1.0 E+03	3.4 E+01
Ammonia (expressed as nitrogen)	ug/l	2.1 E+05				5.3 E+05	5.3 E+04
	lbs/day	4.0 E+04				1.0 E+05	1.0 E+04
Acute Toxicity	TUa	2.9 E+00					
Chronic Toxicity ⁴	TUc	8.8 E+01					
Phenolic Compounds (non-chlorinated)	ug/l	1.1 E+04				2.6 E+04	2.6 E+03
	lbs/day	2.0 E+03				5.0 E+03	5.0 E+02
Chlorinated Phenolics	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Endosulfan	ug/l	1.6 E+00				2.4 E+00	7.9 E-01
	lbs/day	3.0 E-01				4.5 E-01	1.5 E-01
HCH ⁵	ug/l	7.0 E-01				1.1 E+00	3.5 E-01
	lbs/day	1.3 E-01				2.0 E-01	6.7 E-02
Aerolein	ug/l		1.9 E+04				
	lbs/day		3.7 E+03				
Antimony	ug/l		1.1 E+05				
	lbs/day		2.0 E+04				
Bis(2-chloroethoxy) Methane	ug/l		3.9 E+02				
	lbs/day		7.4 E+01				
Bis(2-chloroisopropyl) ether	ug/l		1.1 E+05				
	lbs/day		2.0 E+04				
Chlorobenzene	ug/l		5.0 E+04				
	lbs/day		9.6 E+03				
Dichlorobenzenes ⁷	ug/l		4.5 E+05				
	lbs/day		8.6 E+04				
Ethylbenzene	ug/l		3.6 E+05				
	lbs/day		6.9 E+04				
Fluoranthene	ug/l		1.3 E+03				

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
Thallium	lbs/day		2.5 E+02				
	ug/l		1.8 E+02				
	lbs/day		3.4 E+01				
Toluene	ug/l		7.5 E+06				
	lbs/day		1.4 E+06				
Tributyltin	ug/l		1.2 E-01				
	lbs/day		2.4 E-02				
1,1,1-trichloroethane	ug/l		4.8 E+07				
	lbs/day		9.1 E+06				
Acrylonitrile	ug/l		8.8 E+00				
	lbs/day		1.7 E+00				
Aldrin	ug/l		1.9 E-03				
	lbs/day		3.7 E-04				
Benzene	ug/l		5.2 E+02				
	lbs/day		9.9 E+01				
Benzidine	ug/l		6.1 E-03				
	lbs/day		1.2 E-03				
Beryllium	ug/l		2.9 E+00				
	lbs/day		5.5 E-01				
Bis(2-chloroethyl) Ether	ug/l		4.0 E+00				
	lbs/day		7.6 E-01				
Bis(2-ethylhexyl) Phthalate	ug/l		3.1 E+02				
	lbs/day		5.9 E+01				
Carbon Tetrachloride	ug/l		7.9 E+01				
	lbs/day		1.5 E+01				
Chlordane ⁸	ug/l		2.0 E-03				
	lbs/day		3.9 E-04				
Chloroform	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
DDT ⁹	ug/l		1.5 E-02				
	lbs/day		2.9 E-03				
1,4-dichlorobenzene	ug/l		1.6 E+03				
	lbs/day		3.0 E+02				
3,3'-dichlorobenzidine	ug/l		7.1 E-01				
	lbs/day		1.4 E-01				
1,2-dichloroethane	ug/l		2.5 E+03				
	lbs/day		4.7 E+02				
1,1-dichloroethylene	ug/l		7.9 E+01				
	lbs/day		1.5 E+01				
Dichloromethane	ug/l		4.0 E+04				

Constituent	Units	Effluent Limitations					
		Max Daily	Average Monthly	Average Weekly	Instantaneous		6 Month Median
					Min	Max	
	lbs/day		7.6 E+03				
1,3-dichloropropene	ug/l		7.8 E+02				
	lbs/day		1.5 E+02				
Dieldrin	ug/l		3.5 E-03				
	lbs/day		6.7 E-04				
Halomethanes ⁻¹⁰	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
Heptachlor	ug/l		4.4 E-03				
	lbs/day		8.4 E-04				
Hexachlorobenzene	ug/l		1.8 E-02				
	lbs/day		3.5 E-03				
PAHs ⁻¹¹	ug/l		7.7 E-01				
	lbs/day		1.5 E-01				
PCBs ⁻¹²	ug/l		1.7 E-03				
	lbs/day		3.2 E-04				
TCDD-equivalents ⁻¹³	ug/l		3.4 E-07				
	lbs/day		6.6 E-08				
1,1,2,2-tetrachloroethane	ug/l		2.0 E+02				
	lbs/day		3.9 E+01				
Tetrachloroethylene	ug/l		1.8 E+02				
	lbs/day		3.4 E+01				
Toxaphene	ug/l		1.8 E-02				
	lbs/day		3.5 E-03				
Trichloroethylene	ug/l		2.4 E+03				
	lbs/day		4.5 E+02				
1,1,2-trichloroethane	ug/l		8.3 E+02				
	lbs/day		1.6 E+02				
Vinyl Chloride	ug/l		3.2 E+03				
	lbs/day		6.1 E+02				

50. The following corrections have been made to the paragraph above Table 8. Performance Goals based on California Ocean Plan 2001 in Section IV.E Performance Goals on page F-23 of the Fact Sheet and to above Table 8. Performance Goals based on California Ocean Plan 2001:

Constituents that do not have reasonable potential are listed as performance goals in this Order. The following tables lists the performance goals established by Order No. R9-2005-0136. These constituents shall also be monitored at ~~M-001~~ M-003, but the results will be used for informational purposes only, not compliance determination. Mass emissions have

been derived based on a flow of 22.9 MGD, which is the combined design capacity of the Discharger's Facilities, and a minimum probable initial dilution factor of 87:1

Table 8. Performance Goals based on California Ocean Plan 2001

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
Arsenic	ug/l	2.6 E+03				6.8 E+03	4.4 E+02
	lbs/day	4.9 E+02				1.3 E+03	8.5 E+01
Cadmium	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Chromium VI ¹	ug/l	7.0 E+02				1.8 E+03	1.8 E+02
	lbs/day	1.3 E+02				3.4 E+02	3.4 E+01
Copper	ug/l	8.8 E+02				2.5 E+03	9.0 E+01
	lbs/day	1.7 E+02				4.7 E+02	1.7 E+01
Lead	ug/l	7.0 E+02				1.8 E+03	1.8 E+02
	lbs/day	1.3 E+02				3.4 E+02	3.4 E+01
Mercury	ug/l	1.4 E+01				3.5 E+01	3.5 E+00
	lbs/day	2.7 E+00				6.7 E+00	6.6 E-01
Nickel	ug/l	1.8 E+03				4.4 E+03	4.4 E+02
	lbs/day	3.4 E+02				8.4 E+02	8.4 E+01
Selenium	ug/l	5.3 E+03				1.3 E+04	1.3 E+03
	lbs/day	1.0 E+03				2.5 E+03	2.5 E+02
Silver	ug/l	2.3 E+02				6.0 E+02	4.8 E+01
	lbs/day	4.4 E+01				1.1 E+02	9.1 E+00
Zinc	ug/l	6.3 E+03				1.7 E+04	1.1 E+03
	lbs/day	1.2 E+03				3.2 E+03	2.0 E+02
Cyanide ²	ug/l	3.5 E+02				8.8 E+02	8.8 E+01
	lbs/day	6.7 E+01				1.7 E+02	1.7 E+01
Endrin	ug/l	3.5 E-01				5.3 E-01	1.8 E-01
	lbs/day	6.7 E-02				1.0 E-01	3.4 E-02
Radioactivity ⁶	- - -	Not to exceed limits specified in Title 17 California Code of Regulations Section 30253, Standards for Protection Against Radiation					
<u>Acrolein</u>	<u>ug/l</u>		<u>1.9 E+04</u>				
	<u>lbs/day</u>		<u>3.7 E+03</u>				
<u>Antimony</u>	<u>ug/l</u>		<u>1.1 E+05</u>				
	<u>lbs/day</u>		<u>2.0 E+04</u>				
<u>Bis(2-chloroethoxy) Methane</u>	<u>ug/l</u>		<u>3.9 E+02</u>				
	<u>lbs/day</u>		<u>7.4 E+01</u>				
<u>Bis(2-chloroisopropyl) ether</u>	<u>ug/l</u>		<u>1.1 E+05</u>				
	<u>lbs/day</u>		<u>2.0 E+04</u>				
<u>Chlorobenzene</u>	<u>ug/l</u>		<u>5.0 E+04</u>				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
	<u>lbs/day</u>		<u>9.6 E+03</u>				
Chromium (III)	ug/l		1.7 E+07				
	lbs/day		3.2 E+06				
Di-n-butyl Phthalate	ug/l		3.1 E+05				
	lbs/day		5.9 E+04				
<u>Dichlorobenzenes</u> ⁷	<u>ug/l</u>		<u>4.5 E+05</u>				
	<u>lbs/day</u>		<u>8.6 E+04</u>				
Diethyl Phthalate	ug/l		2.9 E+06				
	lbs/day		5.5 E+05				
Dimethyl Phthalate	ug/l		7.2 E+07				
	lbs/day		1.4 E+07				
4,6-dinitro-2-methylphenol	ug/l		1.9 E+04				
	lbs/day		3.7 E+03				
2,4-dinitrophenol	ug/l		3.5 E+03 <u>2</u>				
	lbs/day		6.7 E+0 <u>2</u> <u>1</u>				
<u>Ethylbenzene</u>	<u>ug/l</u>		<u>3.6 E+05</u>				
	<u>lbs/day</u>		<u>6.9 E+04</u>				
Hexachlorocyclopentadiene	ug/l		5.1 E+03				
	lbs/day		9.7 E+02				
Nitrobenzene	ug/l		4.3 E+02				
	lbs/day		8.2 E+01				
<u>Thallium</u>	<u>ug/l</u>		<u>1.8 E+02</u>				
	<u>lbs/day</u>		<u>3.4 E+01</u>				
<u>Toluene</u>	<u>ug/l</u>		<u>7.5 E+06</u>				
	<u>lbs/day</u>		<u>1.4 E+06</u>				
<u>1,1,1-trichloroethane</u>	<u>ug/l</u>		<u>4.8 E+07</u>				
	<u>lbs/day</u>		<u>9.1 E+06</u>				
<u>Acrylonitrile</u>	<u>ug/l</u>		<u>8.8 E+00</u>				
	<u>lbs/day</u>		<u>1.7 E+00</u>				
<u>Aldrin</u>	<u>ug/l</u>		<u>1.9 E-03</u>				
	<u>lbs/day</u>		<u>3.7 E-04</u>				
<u>Benzene</u>	<u>ug/l</u>		<u>5.2 E+02</u>				
	<u>lbs/day</u>		<u>9.9 E+01</u>				
<u>Benzidine</u>	<u>ug/l</u>		<u>6.1 E-03</u>				
	<u>lbs/day</u>		<u>1.2 E-03</u>				
<u>Beryllium</u>	<u>ug/l</u>		<u>2.9 E+00</u>				
	<u>lbs/day</u>		<u>5.5 E-01</u>				
<u>Bis(2-chloroethyl) Ether</u>	<u>ug/l</u>		<u>4.0 E+00</u>				
	<u>lbs/day</u>		<u>7.6 E-01</u>				
<u>Bis(2-ethylhexyl)</u>	ug/l		3.1 E+02				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
<u>Phthalate</u>	<u>lbs/day</u>		<u>5.9 E+01</u>				
<u>Carbon Tetrachloride</u>	<u>ug/l</u>		<u>7.9 E+01</u>				
	<u>lbs/day</u>		<u>1.5 E+01</u>				
<u>Chlordane</u> ⁸	<u>ug/l</u>		<u>2.0 E-03</u>				
	<u>lbs/day</u>		<u>3.9 E-04</u>				
Chlorodibromomethane	ug/l		7.6 E+02				
	lbs/day		1.4 E+02				
<u>Chloroform</u>	<u>ug/l</u>		<u>1.1 E+04</u>				
	<u>lbs/day</u>		<u>2.2 E+03</u>				
<u>DDT</u> ⁹	<u>ug/l</u>		<u>1.5 E-02</u>				
	<u>lbs/day</u>		<u>2.9 E-03</u>				
<u>1,4-dichlorobenzene</u>	<u>ug/l</u>		<u>1.6 E+03</u>				
	<u>lbs/day</u>		<u>3.0 E+02</u>				
<u>3,3'-dichlorobenzidine</u>	<u>ug/l</u>		<u>7.1 E-01</u>				
	<u>lbs/day</u>		<u>1.4 E-01</u>				
<u>1,2-dichloroethane</u>	<u>ug/l</u>		<u>2.5 E+03</u>				
	<u>lbs/day</u>		<u>4.7 E+02</u>				
<u>1,1-dichloroethylene</u>	<u>ug/l</u>		<u>7.9 E+01</u>				
	<u>lbs/day</u>		<u>1.5 E+01</u>				
Dichlorobromomethane	ug/l		5.5 E+02				
	lbs/day		1.0 E+02				
<u>Dichloromethane</u>	<u>ug/l</u>		<u>4.0 E+04</u>				
	<u>lbs/day</u>		<u>7.6 E+03</u>				
<u>1,3-dichloropropene</u>	<u>ug/l</u>		<u>7.8 E+02</u>				
	<u>lbs/day</u>		<u>1.5 E+02</u>				
<u>Dieldrin</u>	<u>ug/l</u>		<u>3.5 E-03</u>				
	<u>lbs/day</u>		<u>6.7 E-04</u>				
2,4-dinitrotoluene	ug/l		2.3 E+02				
	lbs/day		4.4 E+01				
1,2-diphenylhydrazine	ug/l		1.4 E+01				
	lbs/day		2.7 E+00				
Halomethanes ¹⁰	ug/l		1.1 E+04				
	lbs/day		2.2 E+03				
<u>Heptachlor</u>	<u>ug/l</u>		<u>4.4 E-03</u>				
	<u>lbs/day</u>		<u>8.4 E-04</u>				
Heptachlor Epoxide	ug/l		1.8 E-03				
	lbs/day		3.4 E-04				
<u>Hexachlorobenzene</u>	<u>ug/l</u>		<u>1.8 E-02</u>				
	<u>lbs/day</u>		<u>3.5 E-03</u>				
Hexachlorobutadiene	ug/l		1.2 E+03				

Constituent	Units	Performance Goals					
		Max Daily	Avg Monthly	Avg Weekly	Instantaneous		6 Month Median
					Min	Max	
	lbs/day		2.4 E+02				
Hexachloroethane	ug/l		2.2 E+02				
	lbs/day		4.2 E+01				
Isophorone	ug/l		6.4 E+04				
	lbs/day		1.2 E+04				
N-nitrosodimethylamine	ug/l		6.4 E+02				
	lbs/day		1.2 E+02				
N-nitrosodi-N-propylamine	ug/l		3.3 E+01				
	lbs/day		6.4 E+00				
N-nitrosodiphenylamine	ug/l		2.2 E+02				
	lbs/day		4.2 E+01				
<u>PAHs ¹¹</u>	<u>ug/l</u>		<u>7.7 E-01</u>				
	<u>lbs/day</u>		<u>1.5 E-01</u>				
<u>PCBs ¹²</u>	<u>ug/l</u>		<u>1.7 E-03</u>				
	<u>lbs/day</u>		<u>3.2 E-04</u>				
<u>TCDD equivalents ¹³</u>	<u>ug/l</u>		<u>3.4 E-07</u>				
	<u>lbs/day</u>		<u>6.6 E-08</u>				
<u>1,1,2,2-tetrachloroethane</u>	<u>ug/l</u>		<u>2.0 E+02</u>				
	<u>lbs/day</u>		<u>3.9 E+01</u>				
<u>Tetrachloroethylene</u>	<u>ug/l</u>		<u>1.8 E+02</u>				
	<u>lbs/day</u>		<u>3.4 E+01</u>				
<u>Toxaphene</u>	<u>ug/l</u>		<u>1.8 E-02</u>				
	<u>lbs/day</u>		<u>3.5 E-03</u>				
<u>Trichloroethylene</u>	<u>ug/l</u>		<u>2.4 E+03</u>				
	<u>lbs/day</u>		<u>4.5 E+02</u>				
<u>1,1,2-trichloroethane</u>	<u>ug/l</u>		<u>8.3 E+02</u>				
	<u>lbs/day</u>		<u>1.6 E+02</u>				
2,4,6-trichlorophenol	ug/l		2.6 E+01				
	lbs/day		4.9 E+00				
<u>Vinyl Chloride</u>	<u>ug/l</u>		<u>3.2 E+03</u>				
	<u>lbs/day</u>		<u>6.1 E+02</u>				

51. The following paragraph has been added below Table 8. Performance Goals based on California Ocean Plan 2001 in Section IV.E Performance Goals on page F-25 of the Fact Sheet:

Performance goals serve to maintain existing treatment levels and effluent quality and supports State and federal antidegradation policies. Additionally, performance goals provide all interested parties with information regarding the expected levels of pollutants in the discharge that should not be exceeded in order to maintain the water

quality objectives established in the Ocean Plan. Performance goals are not limitations or standards for the regulation of the discharge. Effluent concentrations above the performance goals will not be considered as violations of the permit but serve as red flags that indicate water quality concerns. Repeated red flags may prompt the Regional Board to reopen and amend the permit to replace performance goals for constituents of concern with effluent limitations, or the Regional Board may coordinate such actions with the next permit renewal.

52. The following corrections to the first paragraph under Section VI.C Whole Effluent Testing Requirements on page F-29 of the Fact Sheet have been made:

The Discharger shall conduct acute and chronic toxicity testing on 24-hour composite effluent samples collected at Effluent Monitoring Station M-003, as defined in Section II of the MRP (Attachment E), ~~on a monthly frequency.~~ **Acute and chronic toxicity are required to be monitored semiannually and quarterly, respectively.**

53. The following corrections to Section VI.D.1 Surf Zone Water Quality Monitoring on page F-30 of the Fact Sheet have been made:

To assess bacteriological conditions in areas used for body contact activities and to assess aesthetic conditions for general recreational uses, Monitoring and Reporting Program (MRP) No. R9-2005-0136 requires that total and fecal coliform and enterococcus bacteria be monitored at a minimum frequency of once per week on an annual basis at ~~six~~ **five** surf zone locations. Recognizing that significant water-contact recreation, such as surfing and scuba diving, occurs year-round in ocean waters that may be impacted by the discharge from the OOO, the Regional Board adopted previously adopted Addendum No. 2 to Order No. 2000-011 which increased the surf zone monitoring frequency to weekly year-round from the previous minimum frequency of once per week from May 1 through October 31 and once every other week from November 1 through April 30 of each year.

In correspondence dated October 6, 2003, County of San Diego Department of Environmental Health (DEH) recommends using its “Standard Operating Procedures (SOP) for the Collection of Water Samples for Bacterial Analysis from Ocean and Bay Receiving Waters” as the sampling protocol at surf zone monitoring stations to reflect conditions during all critical environmental periods and be most protective of public health. The SOP specifies the time of day and depth for water sampling to reduce the effects of bacterial die-off in determining the actual bacterial densities that may be encountered by beach users. The SOP would also make sampling procedures consistent at sampling stations along the San Diego County coastline to facilitate data comparison.

For the period of July 2001 through August of 2004, samples collected ~~at~~ **at** five surf zone stations have at times showed elevated bacterial levels that exceeded water quality objectives of the Ocean Plan for total and fecal coliform and exceeded recommended

levels for enterococcus. ~~Surf zone monitoring station S-1, located at the mouth of the Buena Vista Lagoon south of the OOO, have frequently had elevated bacteria levels that may be due to outward flow from the lagoon. Order No. R9-2005-0136 suspends monitoring at station S1 and adds monitoring at two surf zone stations located 8,000 feet and 10,000 feet south of the OOO.~~

Order and MRP No. R9-2005-0136 retain the requirements of Order No. 2000-011 for surf zone water quality monitoring ~~with the following modifications:~~ and requires a sampling procedure for surf zone stations in accordance with County of San Diego DEH Standard Operating Procedures.

- ~~a. Increases the overall sampling frequency from at surf zone stations.~~
- ~~b. Removes one surf zone station and adds two new surf zone stations.~~
- ~~c. Requires a sampling procedure for surf zone stations in accordance with County of San Diego DEH Standard.~~

54. The following corrections to Section VI.D.2 Near Shore Water Quality Monitoring on page F-31 of the Fact Sheet have been made:

To assess bacteriological conditions in areas used for body contact activities and where shellfish and/or kelp may be harvested, and to assess aesthetic conditions for general boating and recreational uses, MRP No. R9-2005-0136 establishes monitoring at ~~six~~ five near shore locations ~~(3,000 feet seaward MLLW)~~ for total and fecal coliform and enterococcus bacteria in surface samples on a year-round, monthly basis. These stations are located at the 30-foot depth contours opposite the surf zone stations. Enterococcus monitoring may be suspended in accordance with Endnote 11 of Appendix E: Monitoring and Reporting Program. ~~Monitoring at one near shore station monitored under Order No. 2000-011 has been suspended and two stations have been added.~~

For the sample period of July 2001 through August of 2004, samples collected at near shore station N2 have at times exceeded the recommended 6-month geometric mean level for enterococcus but this may be due to the less sensitive analytical method used by the Discharger at times to measure enterococcus levels. Most other sample results were below the method detection limit for the period.

~~MRP No. R9-2005-0101 alters the sampling frequency and monitoring stations from Order No. 2000-011, otherwise,~~ Order and MRP No. R9-2005-0136 retain the requirements of Order No. 2000-011 for near shore water quality monitoring.

55. The following correction to Section VI.D.3 Offshore Water Quality Monitoring on page F-32 of the Fact Sheet have been made:

~~MRP No. R9-2005-0136 alters the sampling frequency and monitoring stations from Order No. 2000-011, otherwise,~~ Order and MRP No. R9-2005-0136 retain the requirements of

Order No. 2000-011 for offshore water quality monitoring.

56. The following correction to first paragraph under Section VI.E.1 Benthic Monitoring on page F-32 of the Fact Sheet has been made:

To assess the status of the benthic community and to evaluate the physical and chemical quality of sediments in the receiving water, Order No. R9-2005-0136 requires the following monitoring during **first and third years year 4** of the Order.

57. The following correction to Section VI.E.5 Intensive Monitoring on page F-34 of the Fact Sheet has been made:

The Discharger shall perform the intensive monitoring as described by MRP No. R9-2005-0136 for **years 2 and 4 year 4** of the Order and participate in the Southern California Coastal Water Research Project (SCCWRP) Bight Study in year 5 of this Order.

58. Sections VI.E.6, VI.E., VI.E. regarding Plume Tracking, Determination of Compliance With Water Quality Objectives, and Urban Runoff Diversions, respectively, on page F-34 of Attachment F–Fact Sheet have been deleted.

59. Section VII.B.2.g regarding Pretreatment Program requirements on page F-36 of the Fact Sheet has been replaced with the following:

Pretreatment requirements established in Order No. 2000-011 are retained by this Order.

60. Sections VII.B.2.g, VII.B.2.h, VII.B.2.i regarding special studies for Urban Runoff Diversion Program, Plume Tracking, and Determination of Compliance With Water Quality Objectives, respectively, on page F-36 of Attachment F–Fact Sheet have been deleted.

61. The following changes to Section VI.E.1 *Benthic Monitoring* on pages F-28 and F-29 of Attachment F have been made:

62. The following corrections have been made to the second paragraph under Section VIII.B Written Comments on Page F-39:

To be fully responded to by staff and considered by the Regional Water Board, written comments should be received at the Regional Water Board offices by 5:00 p.m. on **June 1 July 27**, 2005.

63. The following corrections have been made to Section VIII.C Public Hearing on page F-39:

The Regional Water Board will hold a public hearing on the tentative WDRs during its regular Board meeting on the following date and time and at the following location:

Date: ~~June 8~~ August 10, 2005
Time: 9:00 am
Location: Regional Water Quality Control Board, San Diego
9174 Sky Park Court Suite 100
San Diego, CA 92123